

gating means **20** may interrogate a location of the subscriber, wherein the interrogation comprises the “pre-paging supported” indication (S20).

[0081] FIG. 6 shows an apparatus according to an embodiment of the invention. The apparatus may be a home location register. The apparatus according to FIG. 6 may perform the method of FIG. 7 but is not limited to this method. The method of FIG. 7 may be performed by the apparatus of FIG. 6 but is not limited to being performed by this apparatus.

[0082] The apparatus comprises deciding means **110** and requesting means **120**.

[0083] If an interrogation for a location of a subscriber is received, the deciding means (**110**) decides if the interrogation comprises a “pre-paging supported” indication (S110). If yes, the location requesting means **120** requests a location of the subscriber, wherein the request for the location comprises the “pre-paging supported” indication (S120).

[0084] FIG. 8 shows an apparatus according to an embodiment of the invention. The apparatus may be a mobile switching service center including a visiting location register. The apparatus according to FIG. 8 may perform the method of FIG. 9 but is not limited to this method. The method of FIG. 9 may be performed by the apparatus of FIG. 8 but is not limited to being performed by this apparatus.

[0085] The apparatus comprises deciding means **220**, resource reserving means **230**, and suppressing means **240**.

[0086] The deciding means **220** decides if a received request for information on the location of the subscriber comprises a pre-paging supported indication (S220). If the deciding means **220** decides affirmatively, i.e., the pre-paging supported is comprised in the request for information on the location, the resource reserving means **230** and the suppressing means **240** may act as follows:

[0087] The resource reserving means **230** may keep a radio resource which was scheduled for paging upon the request for information on the location reserved after paging (S230); the suppressing means **240** may suppress paging upon receipt of a request for the roaming number of the subscriber. This paging is preferably suppressed if the request for the roaming number comprises a pre-paging supported indication. In addition, or alternatively, the suppressing means **240** may suppress paging upon receipt of a request to set up a call to the subscriber (S240).

[0088] According to some embodiments, a setup means may set up, upon receipt of the request to set up the call, the call to the subscriber using the reserved radio resource.

[0089] In some embodiments, if the decision by the deciding means **220** is not affirmative, a first releasing means may release the radio resource after the paging upon receipt of the request for information.

[0090] Embodiments of the invention are described with respect to a 3GPP network. However, embodiments of the invention may be applied to GSM networks, GPRS networks, LTE networks etc., too.

[0091] If not otherwise stated or otherwise made clear from the context, the statement that two entities are different means that they are differently addressed in their respective network. It does not necessarily mean that they are based on different hardware. That is, each of the entities described in the present description may be based on a different hardware, or some or all of the entities may be based on the same hardware.

[0092] According to the above description, it should thus be apparent that exemplary embodiments of the present invention provide, for example a control apparatus such as a SCP,

or a component thereof, an apparatus embodying the same, a method for controlling and/or operating the same, and computer program(s) controlling and/or operating the same as well as mediums carrying such computer program(s) and forming computer program product(s). Furthermore, it should thus be apparent that exemplary embodiments of the present invention provide, for example a register apparatus such as a HLR, or a component thereof, an apparatus embodying the same, a method for controlling and/or operating the same, and computer program(s) controlling and/or operating the same as well as mediums carrying such computer program(s) and forming computer program product(s).

[0093] Implementations of any of the above described blocks, apparatuses, systems, techniques or methods include, as non limiting examples, implementations as hardware, software, firmware, special purpose circuits or logic, general purpose hardware or controller or other computing devices, or some combination thereof.

[0094] It is to be understood that what is described above is what is presently considered the preferred embodiments of the present invention. However, it should be noted that the description of the preferred embodiments is given by way of example only and that various modifications may be made without departing from the scope of the invention as defined by the appended claims.

1. An apparatus, comprising:

checking means for checking, upon receipt of a detection point of a service for a subscriber, if a pre-paging support is related to the service;

interrogating means for interrogating a location of the subscriber, wherein the interrogation comprises an indication of the pre-paging support if the result of the checking by the checking means is affirmative.

2. The apparatus according to claim 1, wherein the interrogation does not comprise the indication of the pre-paging support if the result of the checking by the checking means is not affirmative.

3. A service control point comprising an apparatus according to claim 1.

4. An apparatus, comprising:

deciding means for deciding if a received interrogation for a location of a subscriber comprises a pre-paging support indication;

location requesting means for requesting a location of the subscriber upon receipt of the interrogation, wherein the request for the location comprises the pre-paging support indication if the deciding by the deciding means is affirmative.

5. The apparatus according to claim 4, wherein the request does not comprise the pre-paging support indication if the deciding by the deciding means is not affirmative.

6. A home location register comprising an apparatus according to claim 4.

7. An apparatus, comprising:

deciding means for deciding if a received request for information on a location of a subscriber comprises a pre-paging support indication;

resource reserving means for reserving a radio resource after the paging if the decision by the deciding means is affirmative, wherein the radio resource is scheduled for paging upon the request for information; and at least one of